EX05-005patentin.txt
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<150>   US60/539,837
<151>   2004-01-28

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caggctggat caagaccttt gacaagtact acacagagca gacccaacac atcctcaata    660

gcatggtgtc taagctgcag gaggaccccc ggcggcgctt cctctgggca gaggtctcct    720

tcttcgccaa gtggtgggac aacatcaatg tccaaaagag agcggcagtc cgaaggctgg    780

tgggaaacgg gcagctggag attgcgacag gaggctgggt gatgccagat gaggccaatt    840
```

EX05-005patentin.txt

```
cccactactt tgcattgatt gaccagctca tcgaaggaca ccagtggctg gagagaaatc    900
ttggtgcaac cccccgctct ggctgggcag tggacccctt tggatacagc tccaccatgc    960
cttacctgct gcgccgtgcc aacctcacca gcatgctgat tcagagagtg cactatgcca   1020
tcaagaagca ctttgctgcc acccacagcc tagagttcat gtggaggcag acatgggact   1080
cggactccag cacagacatc ttctgtcaca tgatgccctt ctacagctat gacgtccccc   1140
atacctgtgg cccagatccc aagatctgct gccaatttga tttcaaacgc ctgcctggtg   1200
ggcgcatcaa ctgcccttgg aaggtgccac cccgggccat cacagaggcc aacgtggcag   1260
agagggcagc cctgcttctg gaccaatacc ggaagaagtc ccagctgttc cgaagcaacg   1320
tcctcctggt gcctcttgga gatgacttcc gatatgacaa gccccaggag tgggatgccc   1380
agttcttcaa ctaccaacgg ctctttgact tcttcaacag caggcctaac ctccatgtgc   1440
aggcccagtt tggcactctt tctgactatt ttgatgccct gtacaagagg acaggggtgg   1500
agccaggggc ccggcctcca gggtttcctg tgctgagcgg ggatttcttc tcctatgcgg   1560
accgggagga tcattactgg acaggctatt acacttcccg gcccttctac aagagcttag   1620
accgagtcct ggaagcccac ctgcgggggg cagaggttct gtacagcctg gctgcagctc   1680
acgctcgccg ctctggtctg gctggccggt acccactgtc tgatttcacc ctcctgacgg   1740
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aggctgtggt ggtggactat ggggtcaggc ttctgcgctc ccttgtcaac ctgaagcagg   1860
tcatcattca tgcagcccac tatctggtgc tgggggacaa ggagacctac cactttgacc   1920
ctgaggcgcc cttcctccaa gtggatgaca ctcgcttaag tcacgacgcc ctcccagagc   1980
gcacggtgat ccagctggat cctcgcccca ggtttgtggt cctattcaac ccactggaac   2040
aggagcgatt cagcatggtg tccctgctgg tcaactctcc ccgcgtgcgt gtcctttcgg   2100
aggagggtca gcccctggcc gtgcagatca gcgcacactg gagctctgcc accgaggcgg   2160
tccctgacgt ctaccaggtg tctgtgcctg tccgcctgcc agccctgggc ctgggcgtgc   2220
tgcagctaca gctgggcctg gatgggcacc gcacgctgcc ctcctctgtg cgcatctacc   2280
tgcacggccg gcagctgtcc gtcagcaggc acgaagcgtt tcctctccgt gtcattgact   2340
ctggcaccag cgacttcgcc ctcagcaacc gctacatgca ggtctggttc tcaggcctta   2400
ctgggctcct caaggggtca gggctgtgtt ttttggcaga gcatccgaag ggtggatgag   2460
gagcacgagc agcaggtgga catgcaggtc cttgtctatg cacccgtac gtccaaagac   2520
aagagtggag cctacctctt cctgcccgat ggcgaggcaa gccctacgtc cccaaggagc   2580
ccccccgtgct gcgtgtcact gaaggccctt tcttctcaga ggtggttgcg tactatgagc   2640
acattcacca ggcggtccgg ctttacaatc tgccaggggt ggaggggctg tctctggaca   2700
tatcatccct ggtggacatc cgggactacg tcaacaagga gctggccctg cacatccata   2760
cagacatcga cagccagggt gcagccccga cggtatctga agaagctccc cctccaggcc   2820
aacttctacc ccatgccagt catggcctat atccaggacg cacagaagcg cctcacgctg   2880
```

EX05-005patentin.txt

```
cacactgccc aggccctggg tgtctctagc ctcaaagatg gccagctgga ggtgatcttg   2940
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agaacctgca accgtttccg cctcctgcta gagcggcgaa ccgtgggcag tgaggtccaa   3060
gatagccact ctaccagcta cccatccctc ctcagccacc tgacctccat gtacctgaac   3120
gccccggcgc tcgctctgcc tgtagccagg atgcagctcc caggccctgg tctgcgctca   3180
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caggctgagg aggacaccct accctcggcg gagaccgcac tcatcttaca ccgcaagggt   3300
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acgttactgt accctctggc ctccccgtcc aacagcactg acgtctattt ggagcccatg   3480
gagattgcta cctttcgcct ccgcttgggt tagggcttct tgtggcctga agagaaagtt   3540
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cccgatctgc ctcccagaac tgtgacacac tgggctctgc cctcattttc tgtttattgc   3660
tgctgctgtg ttttcggcgc aacccacaaa cccagtgatg ggtaaatagg gcagacgcca   3720
gtgagatcag ggagagaagg cccttggtca gagtgggcag tgccaggctc tgctttgggt   3780
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tcagggtcac tgtggcaaca gcaggctcta ggggaatcct gtggttatgt agagactcca   3960
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gttagcagtg gggatggagc agtagaagga atcactgttt ctcctaggag tctgaaggcc   4080
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cttcaggtag caagacccct ggcaaactgg gcacttggcc tatgtactga tttgtgggat   4260
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tctttctctg gaaaggaaag cctccaagac tccatgtgct tgggcagctt gagaaggcgt   4440
tcagcaccac gcctagcagg cagaccttga agcctcacct ttagtctatc tgcagaggta   4500
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tgcaggagcc ttcatttcag cttcaattaa tagggaagaa tttatgatag ctctatagat   4620
gctgaaaagg tatttcgtaa gatttaaaat ccatccctta ttaaaactct tagtaaatta   4680
agtctggaaa gaaacaccct aatctagata aaggtctgtt tcagaaacca acagtgatgg   4740
cattctaaag agtcagacgc cacaggcatt cccattaaag tcagaaacta gccaagggca   4800
agctattatt cagcagtgtc ccggcactac taacccctgc aacaagccag atgaggaaca    4860
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```

EX05-005patentin.txt

```
<210>    5
<211>    1143
<212>    PRT
<213>    Homo sapiens

<400>    5
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Met Lys Leu Ser Arg Gln Phe Thr Val Phe Gly Ser Ala Ile Phe Cys
1   5   10   15

Val Val Ile Phe Ser Leu Tyr Leu Met Leu Asp Arg Gly His Leu Asp
                20   25   30

Tyr Pro Arg Asn Pro Arg Arg Glu Gly Ser Phe Pro Gln Gly Gln Leu
            35   40   45

Ser Met Leu Gln Glu Lys Ile Asp His Leu Glu Arg Leu Leu Ala Glu
        50   55   60

Asn Asn Glu Ile Ile Ser Asn Ile Arg Asp Ser Val Ile Asn Leu Ser
65   70   75   80

Glu Ser Val Glu Asp Gly Pro Lys Ser Ser Gln Ser Asn Phe Ser Gln
                85   90   95

Gly Ala Gly Ser His Leu Leu Pro Ser Gln Leu Ser Leu Ser Val Asp
            100   105   110

Thr Ala Asp Cys Leu Phe Ala Ser Gln Ser Gly Ser His Asn Ser Asp
            115   120   125

Val Gln Met Leu Asp Val Tyr Ser Leu Ile Ser Phe Asp Asn Pro Asp
        130   135   140

Gly Gly Val Trp Lys Gln Gly Phe Asp Ile Thr Tyr Glu Ser Asn Glu
145   150   155   160

Trp Asp Thr Glu Pro Leu Gln Val Phe Val Val Pro His Ser His Asn
                165   170   175

Asp Pro Gly Trp Leu Lys Thr Phe Asn Asp Tyr Phe Arg Asp Lys Thr
            180   185   190

Gln Tyr Ile Phe Asn Asn Met Val Leu Lys Leu Lys Glu Asp Ser Arg
            195   200   205

Arg Lys Phe Ile Trp Ser Glu Ile Ser Tyr Leu Ser Lys Trp Trp Asp
        210   215   220

Ile Ile Asp Ile Gln Lys Lys Asp Ala Val Lys Ser Leu Ile Glu Asn
225   230   235   240

EX05-005patentin.txt

```
Gly Gln Leu Glu Ile Val Thr Gly Gly Trp Val Met Pro Asp Glu Ala
                245             250             255

Thr Pro His Tyr Phe Ala Leu Ile Asp Gln Leu Ile Glu Gly His Gln
            260             265             270

Trp Leu Glu Asn Asn Ile Gly Val Lys Pro Arg Ser Gly Trp Ala Ile
        275             280             285

Asp Pro Phe Gly His Ser Pro Thr Met Ala Tyr Leu Leu Asn Arg Ala
    290             295             300

Gly Leu Ser His Met Leu Ile Gln Arg Val His Tyr Ala Val Lys Lys
305             310             315             320

His Phe Ala Leu His Lys Thr Leu Glu Phe Phe Trp Arg Gln Asn Trp
            325             330             335

Asp Leu Gly Ser Val Thr Asp Ile Leu Cys His Met Met Pro Phe Tyr
            340             345             350

Ser Tyr Asp Ile Pro His Thr Cys Gly Pro Asp Pro Lys Ile Cys Cys
            355             360             365

Gln Phe Asp Phe Lys Arg Leu Pro Gly Gly Arg Phe Gly Cys Pro Trp
    370             375             380

Gly Val Pro Pro Glu Thr Ile His Pro Gly Asn Val Gln Ser Arg Ala
385             390             395             400

Arg Met Leu Leu Asp Gln Tyr Arg Lys Lys Ser Lys Leu Phe Arg Thr
            405             410             415

Lys Val Leu Leu Ala Pro Leu Gly Asp Asp Phe Arg Tyr Cys Glu Tyr
            420             425             430

Thr Glu Trp Asp Leu Gln Phe Lys Asn Tyr Gln Gln Leu Phe Asp Tyr
            435             440             445

Met Asn Ser Gln Ser Lys Phe Lys Val Lys Ile Gln Phe Gly Thr Leu
    450             455             460

Ser Asp Phe Phe Asp Ala Leu Asp Lys Ala Asp Glu Thr Gln Arg Asp
465             470             475             480

Lys Gly Gln Ser Met Phe Pro Val Leu Ser Gly Asp Phe Phe Thr Tyr
            485             490             495

Ala Asp Arg Asp Asp His Tyr Trp Ser Gly Tyr Phe Thr Ser Arg Pro
            500             505             510
```

EX05-005patentin.txt

```
Phe Tyr Lys Arg Met Asp Arg Ile Met Glu Ser His Leu Arg Ala Ala
        515             520             525

Glu Ile Leu Tyr Tyr Phe Ala Leu Arg Gln Ala His Lys Tyr Lys Ile
        530             535             540

Asn Lys Phe Leu Ser Ser Ser Leu Tyr Thr Ala Leu Thr Glu Ala Arg
545             550             555             560

Arg Asn Leu Gly Leu Phe Gln His His Asp Ala Ile Thr Gly Thr Ala
                565             570             575

Lys Asp Trp Val Val Val Asp Tyr Gly Thr Arg Leu Phe His Ser Leu
                580             585             590

Met Val Leu Glu Lys Ile Ile Gly Asn Ser Ala Phe Leu Leu Ile Leu
                595             600             605

Lys Asp Lys Leu Thr Tyr Asp Ser Tyr Ser Pro Asp Thr Phe Leu Glu
        610             615             620

Met Asp Leu Lys Gln Lys Ser Gln Asp Ser Leu Pro Gln Lys Asn Ile
625             630             635             640

Ile Arg Leu Ser Ala Glu Pro Arg Tyr Leu Val Val Tyr Asn Pro Leu
                645             650             655

Glu Gln Asp Arg Ile Ser Leu Val Ser Val Tyr Val Ser Ser Pro Thr
                660             665             670

Val Gln Val Phe Ser Ala Ser Gly Lys Pro Val Glu Val Gln Val Ser
                675             680             685

Ala Val Trp Asp Thr Ala Asn Thr Ile Ser Glu Thr Ala Tyr Glu Ile
        690             695             700

Ser Phe Arg Ala His Ile Pro Pro Leu Gly Leu Lys Val Tyr Lys Ile
705             710             715             720

Leu Glu Ser Ala Ser Ser Asn Ser His Leu Ala Asp Tyr Val Leu Tyr
                725             730             735

Lys Asn Lys Val Glu Asp Ser Gly Ile Phe Thr Ile Lys Asn Met Ile
                740             745             750

Asn Thr Glu Glu Gly Ile Thr Leu Glu Asn Ser Phe Val Leu Leu Arg
                755             760             765

Phe Asp Gln Thr Gly Leu Met Lys Gln Met Met Thr Lys Glu Asp Gly
        770             775             780
```

EX05-005patentin.txt

```
Lys His His Glu Val Asn Val Gln Phe Ser Trp Tyr Gly Thr Thr Ile
785                 790             795                 800

Lys Arg Asp Lys Ser Gly Ala Tyr Leu Phe Leu Pro Asp Gly Asn Ala
                805                 810             815

Lys Pro Tyr Val Tyr Thr Thr Pro Pro Phe Val Arg Val Thr His Gly
                820                 825             830

Arg Ile Tyr Ser Glu Val Thr Cys Phe Phe Asp His Val Thr His Arg
                835                 840             845

Val Arg Leu Tyr His Ile Gln Gly Ile Glu Gly Gln Ser Val Glu Val
    850                 855             860

Ser Asn Ile Val Asp Ile Arg Lys Val Tyr Asn Arg Glu Ile Ala Met
865                 870             875                 880

Lys Ile Ser Ser Asp Ile Lys Ser Gln Asn Arg Phe Tyr Thr Asp Leu
                885                 890             895

Asn Gly Tyr Gln Ile Gln Pro Arg Met Thr Leu Ser Lys Leu Pro Leu
                900                 905             910

Gln Ala Asn Val Tyr Pro Met Thr Thr Met Ala Tyr Ile Gln Asp Ala
                915                 920             925

Lys His Arg Leu Thr Leu Leu Ser Ala Gln Ser Leu Gly Val Ser Ser
                930                 935             940

Leu Asn Ser Gly Gln Ile Glu Val Ile Met Asp Arg Arg Leu Met Gln
945                 950             955                 960

Asp Asp Asn Arg Gly Leu Glu Gln Gly Ile Gln Asp Asn Lys Ile Thr
                965                 970             975

Ala Asn Leu Phe Arg Ile Leu Leu Glu Lys Arg Ser Ala Val Asn Thr
                980                 985             990

Glu Glu Glu Lys Lys Ser Val Ser Tyr Pro Ser Leu Leu Ser His Ile
                995                 1000            1005

Thr Ser Ser Leu Met Asn His Pro Val Ile Pro Met Ala Asn Lys
    1010            1015                1020

Phe Ser Pro Thr Leu Glu Leu Gln Gly Glu Phe Ser Pro Leu Gln
    1025            1030                1035

Ser Ser Leu Pro Cys Asp Ile His Leu Val Asn Leu Arg Thr Ile
    1040            1045                1050
```

EX05-005patentin.txt

```
Gln Ser Lys Val Gly Asn Gly His Ser Asn Glu Ala Ala Leu Ile
    1055            1060            1065

Leu His Arg Lys Gly Phe Asp Cys Arg Phe Ser Ser Lys Gly Thr
    1070            1075            1080

Gly Leu Phe Cys Ser Thr Thr Gln Gly Lys Ile Leu Val Gln Lys
    1085            1090            1095

Leu Leu Asn Lys Phe Ile Val Glu Ser Leu Thr Pro Ser Ser Leu
    1100            1105            1110

Ser Leu Met His Ser Pro Pro Gly Thr Gln Asn Ile Ser Glu Ile
    1115            1120            1125

Asn Leu Ser Pro Met Glu Ile Ser Thr Phe Arg Ile Gln Leu Arg
    1130            1135            1140
```

```
<210>   6
<211>   1139
<212>   PRT
<213>   Homo sapiens

<400>   6
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```
Met Lys Leu Lys Lys Gln Val Thr Val Cys Gly Ala Ala Ile Phe Cys
1               5               10              15

Val Ala Val Phe Ser Leu Tyr Leu Met Leu Asp Arg Val Gln His Asp
            20              25              30

Pro Thr Arg His Gln Asn Gly Gly Asn Phe Pro Arg Ser Gln Ile Ser
        35              40              45

Val Leu Gln Asn Arg Ile Glu Gln Leu Glu Gln Leu Leu Glu Glu Asn
    50              55              60

His Glu Ile Ile Ser His Ile Lys Asp Ser Val Leu Glu Leu Thr Ala
65              70              75              80

Asn Ala Glu Gly Pro Pro Ala Met Leu Pro Tyr Tyr Thr Val Asn Gly
                85              90              95

Ser Trp Val Val Pro Pro Glu Pro Arg Pro Ser Phe Phe Ser Ile Ser
            100             105             110

Pro Gln Asp Cys Gln Phe Ala Leu Gly Gly Arg Gly Gln Lys Pro Glu
        115             120             125

Leu Gln Met Leu Thr Val Ser Glu Glu Leu Pro Phe Asp Asn Val Asp
    130             135             140

Gly Gly Val Trp Arg Gln Gly Phe Asp Ile Ser Tyr Asp Pro His Asp
```

EX05-005patentin.txt

```
        145                    150                    155                    160

Trp Asp Ala Glu Asp Leu Gln Val Phe Val Val Pro His Ser His Asn
                165                    170                    175

Asp Pro Gly Trp Ile Lys Thr Phe Asp Lys Tyr Tyr Thr Glu Gln Thr
                180                    185                    190

Gln His Ile Leu Asn Ser Met Val Ser Lys Leu Gln Glu Asp Pro Arg
                195                    200                    205

Arg Arg Phe Leu Trp Ala Glu Val Ser Phe Phe Ala Lys Trp Trp Asp
        210                    215                    220

Asn Ile Asn Val Gln Lys Arg Ala Ala Val Arg Arg Leu Val Gly Asn
        225                    230                    235                    240

Gly Gln Leu Glu Ile Ala Thr Gly Gly Trp Val Met Pro Asp Glu Ala
                245                    250                    255

Asn Ser His Tyr Phe Ala Leu Ile Asp Gln Leu Ile Glu Gly His Gln
                260                    265                    270

Trp Leu Glu Arg Asn Leu Gly Ala Thr Pro Arg Ser Gly Trp Ala Val
        275                    280                    285

Asp Pro Phe Gly Tyr Ser Ser Thr Met Pro Tyr Leu Leu Arg Arg Ala
        290                    295                    300

Asn Leu Thr Ser Met Leu Ile Gln Arg Val His Tyr Ala Ile Lys Lys
305                    310                    315                    320

His Phe Ala Ala Thr His Ser Leu Glu Phe Met Trp Arg Gln Thr Trp
                325                    330                    335

Asp Ser Asp Ser Ser Thr Asp Ile Phe Cys His Met Met Pro Phe Tyr
                340                    345                    350

Ser Tyr Asp Val Pro His Thr Cys Gly Pro Asp Pro Lys Ile Cys Cys
                355                    360                    365

Gln Phe Asp Phe Lys Arg Leu Pro Gly Gly Arg Ile Asn Cys Pro Trp
        370                    375                    380

Lys Val Pro Pro Arg Ala Ile Thr Glu Ala Asn Val Ala Glu Arg Ala
385                    390                    395                    400

Ala Leu Leu Leu Asp Gln Tyr Arg Lys Lys Ser Gln Leu Phe Arg Ser
                405                    410                    415

Asn Val Leu Leu Val Pro Leu Gly Asp Asp Phe Arg Tyr Asp Lys Pro
```

BEST AVAILABLE COPY

EX05-005patentin.txt

```
                    420                     425                     430

Gln Glu Trp Asp Ala Gln Phe Phe Asn Tyr Gln Arg Leu Phe Asp Phe
            435                 440                 445

Phe Asn Ser Arg Pro Asn Leu His Val Gln Ala Gln Phe Gly Thr Leu
    450                 455                 460

Ser Asp Tyr Phe Asp Ala Leu Tyr Lys Arg Thr Gly Val Glu Pro Gly
465             470                 475                 480

Ala Arg Pro Pro Gly Phe Pro Val Leu Ser Gly Asp Phe Phe Ser Tyr
                485                 490                 495

Ala Asp Arg Glu Asp His Tyr Trp Thr Gly Tyr Tyr Thr Ser Arg Pro
                500                 505                 510

Phe Tyr Lys Ser Leu Asp Arg Val Leu Glu Ala His Leu Arg Gly Ala
        515                 520                 525

Glu Val Leu Tyr Ser Leu Ala Ala Ala His Ala Arg Arg Ser Gly Leu
    530                 535                 540

Ala Gly Arg Tyr Pro Leu Ser Asp Phe Thr Leu Leu Thr Glu Ala Arg
545                 550                 555                 560

Arg Thr Leu Gly Leu Phe Gln His His Asp Ala Ile Thr Gly Thr Ala
                565                 570                 575

Lys Glu Ala Val Val Val Asp Tyr Gly Val Arg Leu Leu Arg Ser Leu
                580                 585                 590

Val Asn Leu Lys Gln Val Ile Ile His Ala Ala His Tyr Leu Val Leu
        595                 600                 605

Gly Asp Lys Glu Thr Tyr His Phe Asp Pro Glu Ala Pro Phe Leu Gln
    610                 615                 620

Val Asp Asp Thr Arg Leu Ser His Asp Ala Leu Pro Glu Arg Thr Val
625                 630                 635                 640

Ile Gln Leu Asp Ser Ser Pro Arg Phe Val Val Leu Phe Asn Pro Leu
                645                 650                 655

Glu Gln Glu Arg Phe Ser Met Val Ser Leu Leu Val Asn Ser Pro Arg
                660                 665                 670

Val Arg Val Leu Ser Glu Glu Gly Gln Pro Leu Ala Val Gln Ile Ser
                675                 680                 685

Ala His Trp Ser Ser Ala Thr Glu Ala Val Pro Asp Val Tyr Gln Val
```

EX05-005patentin.txt

```
        690                    695                    700
Ser Val Pro Val Arg Leu Pro Ala Leu Gly Leu Gly Val Leu Gln Leu
705                    710                    715                    720

Gln Leu Gly Leu Asp Gly His Arg Thr Leu Pro Ser Ser Val Arg Ile
                    725                    730                    735

Tyr Leu His Gly Arg Gln Leu Ser Val Ser Arg His Glu Ala Phe Pro
                    740                    745                    750

Leu Arg Val Ile Asp Ser Gly Thr Ser Asp Phe Ala Leu Ser Asn Arg
                    755                    760                    765

Tyr Met Gln Val Trp Phe Ser Gly Leu Thr Gly Leu Leu Lys Ser Ile
        770                    775                    780

Arg Arg Val Asp Glu Glu His Glu Gln Gln Val Asp Met Gln Val Leu
785                    790                    795                    800

Val Tyr Gly Thr Arg Thr Ser Lys Asp Lys Ser Gly Ala Tyr Leu Phe
                    805                    810                    815

Leu Pro Asp Gly Glu Ala Ser Pro Thr Ser Pro Arg Ser Pro Pro Cys
                    820                    825                    830

Cys Val Ser Leu Lys Ala Leu Ser Ser Gln Arg Trp Leu Arg Thr Met
                    835                    840                    845

Ser Thr Phe Thr Arg Arg Ser Gly Phe Thr Ile Cys Gln Gly Trp Arg
        850                    855                    860

Gly Cys Leu Trp Thr Tyr His Pro Trp Trp Thr Ser Gly Thr Thr Ser
865                    870                    875                    880

Thr Arg Ser Trp Pro Cys Thr Ser Ile Gln Thr Ser Thr Ala Arg Val
                    885                    890                    895

Gln Pro Arg Arg Tyr Leu Lys Lys Leu Pro Leu Gln Ala Asn Phe Tyr
                    900                    905                    910

Pro Met Pro Val Met Ala Tyr Ile Gln Asp Ala Gln Lys Arg Leu Thr
                    915                    920                    925

Leu His Thr Ala Gln Ala Leu Gly Val Ser Ser Leu Lys Asp Gly Gln
        930                    935                    940

Leu Glu Val Ile Leu Asp Arg Arg Leu Met Gln Asp Asp Asn Arg Gly
945                    950                    955                    960

Leu Gly Gln Gly Leu Lys Asp Asn Lys Arg Thr Cys Asn Arg Phe Arg
```

EX05-005patentin.txt

```
                      965                      970                      975
Leu Leu Leu Glu Arg Arg Thr Val Gly Ser Glu Val Gln Asp Ser His
                980                      985                      990

Ser Thr Ser Tyr Pro Ser Leu Leu  Ser His Leu Thr Ser  Met Tyr Leu
            995                      1000                      1005

Asn Ala  Pro Ala Leu Ala Leu  Pro Val Ala Arg Met  Gln Leu Pro
    1010                      1015                      1020

Gly Pro  Gly Leu Arg Ser Phe  His Pro Leu Ala Ser  Ser Leu Pro
    1025                      1030                      1035

Cys Asp  Phe His Leu Leu Asn  Leu Arg Thr Leu Gln  Ala Glu Glu
    1040                      1045                      1050

Asp Thr  Leu Pro Ser Ala Glu  Thr Ala Leu Ile Leu  His Arg Lys
    1055                      1060                      1065

Gly Phe  Asp Cys Gly Leu Glu  Ala Lys Asn Leu Gly  Phe Asn Cys
    1070                      1075                      1080

Thr Thr  Ser Gln Gly Lys Val  Ala Leu Gly Ser Leu  Phe His Gly
    1085                      1090                      1095

Leu Asp  Val Val Phe Leu Gln  Pro Thr Ser Leu Thr  Leu Leu Tyr
    1100                      1105                      1110

Pro Leu  Ala Ser Pro Ser Asn  Ser Thr Asp Val Tyr  Leu Glu Pro
    1115                      1120                      1125

Met Glu  Ile Ala Thr Phe Arg  Leu Arg Leu Gly
    1130                      1135
```